



Certificate of Calibration

VECTOR SR

Speed and/or Traffic Signals Enforcement Device

"I confirm that the VECTOR SR Enforcement System for Speed and/or Traffic Signals described below has been calibrated to the documented parameters as recorded below using measurement devices calibrated to National Standards in accordance with the Home Office Type Approval for the VECTOR SR device.

All parts and components used in Device Serial Number JE810100122-0254 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in black ink that reads "Michael Kirsch".

Michael Kirsch
Product Design Director

Calibrating Engineer:	Stephen Pigden
Annual Inspection Engineer:	Stephen Pigden
Site Code:	5095
Site Name:	A4102 Swansea Road, Merthyr Tydfil
Project ID:	P4544M (P4830SR)
Device Location:	51.7542, -3.41664
Initial Site Calibration Start Date:	09/02/2022
Annual Inspection Date:	20/01/2023
Radar Factory Calibration Date:	27/01/2022
Valid Until*:	19/01/2024

* Site Calibration Valid until up to one year from Site Calibration / Calibration Inspection Date, or three years from Radar Factory Calibration Date, whichever is sooner.



SRCRT270

P4544M (P4830SR)

Date	
Initial Site Calibration Start Date	09/02/2022
Annual Inspection Date	20/01/2023

Location	
Site Name	5095 - A4102 Swansea Road, Merthyr Tydfil
Device Location	51.7542, -3.41664

Asset Calibration	
Device Serial Number	JE810100122-0254
VECTOR Serial Number	SB160420-0140
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.34
Device Offset (m)	3.835
Site Calibrated by	Stephen Pigden
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/66115
Radar Factory Calibration Date	27/01/2022
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.047
24.085	24.087
24.125	24.127
24.165	24.167
24.205	24.207
Radar Speed Test	
Simulated Speed (km/h)	Measured Speed (km/h) Approach / Recede
10	10.1 / 10.1
50	50.1 / 50.1
100	100.2 / 100.2
200	199.8 / 199.8
250	249.9 / 249.9
300	300.0 / 300.0

Initial Calibration Tools			
Measuring Tape	Calibration Date:	09/02/2022	Serial Number: SP-VYS-01
Laser Measure	Calibration Date:	12/03/2021	Serial Number: 1082950518
Radar Alignment Tool	Calibration Date:	09/02/2022	Serial Number: W465-000/60015

Annual Inspection Tools			
Vbox	Calibration Date:	11/05/2022	Serial Number: 085101
Laser Measure	Calibration Date:	09/03/2022	Serial Number: 1082951077